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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

	Application Number	10696676
	Filing Date	2003-10-29
	First Named Inventor	Keith L. Black
	Art Unit	1635
	Examiner Name	Richard A. SCHNIZER
	Attorney Docket Number	67789-503

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
RJ	1	5011837		1991-04-30	Atwal et al.	
J	2	5234922		1993-08-10	Welsh et al.	
J	3	7018979		2006-03-28	Black et al.	
RJ	4	6417207		2002-07-09	Garvey et al.	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
RJ	1	20030072748		2003-04-17	Black et al.	
RJ	2	20020143188		2003-10-03	Garvey et al.	

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	Ts
RS	1	WO 01/54680			2001-02-07	Cedars-Sinai Medical Center		<input type="checkbox"/>
RS	2	WO 96/12030			1996-04-25	Rhone-Poulenc Rorer S.A.		<input type="checkbox"/>
RS	3	WO 01/54771			2001-08-02	Cedars-Sinai Medical Center		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	Ts
RS	1	Black, Keith L. et al., Intracarotid infusion of RMP-7, a bradykinin analog, and transport of gallium-68 ethylenediamine tetraacetic acid into human gliomas, Journal of Neurosurgery, 86(4):603-609 (1997).	<input type="checkbox"/>
RS	2	Brayden, Joseph E., Functional roles of KATP channels in vascular smooth muscle, Clinical and Experimental Pharmacology and Physiology, 29(4):312-6 (2001)..	<input checked="" type="checkbox"/>
RS	3	Brayden, J.E., Potassium channels in vascular smooth muscle, Clinical and Experimental Pharmacology and Physiology, 23(12): 1069-76 (December 1996). (ABSTRACT ONLY)	<input type="checkbox"/>
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<i>RS</i>	6	Inamura, Takanori et al., Bradykinin selectively opens blood-tumor barrier in experimental brain tumors, Journal of Cerebral Blood Flow Metabolism, 14(5):862-870 (1994).	<input type="checkbox"/>
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	10	Liu, Sju Ming et al., Nitric oxide and cGMP regulate endothelial permeability and F-actin distribution in hydrogen peroxide-treated endothelial cells, Experimental Cell Research, 235:238-244 (1997).	<input type="checkbox"/>
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RS	17	Schoch, Heike J. et al., Hypoxia-induced vascular endothelial growth factor expression causes vascular leakage in the brain, <i>Brain</i> , 125:2549-2557 (2002).	<input type="checkbox"/>
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	25	Ransom, Christopher et al., BK channels in human glioma cells, <i>Journal of Neurophysiology</i> , 85:790-803 (2001).	<input type="checkbox"/>
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	29	Black, Keith L., Biochemical opening of the blood-brain barrier, Advance Drug Delivery Reviews, 15:37-52 (1995).	<input type="checkbox"/>
	30	Black, Keith L., Imaging and drug delivery to tumor-infiltrated brain, Clinical Neurosurgery, Chapter 30: 563-572	<input type="checkbox"/>
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RS	39	Elliot, P.J. et al., Unlocking the blood-brain barrier: a role for RMP-7 in brain tumor therapy, Experimental Neurology, 141(2):214-224 (October 1996). (ABSTRACT ONLY)	<input type="checkbox"/>
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	45	Nomura, T. et al., Intracarotid infusion of bradykinin selectively increases blood-tumor permeability in 9L and C6 brain tumors, Brain Research, 659(1-2):62-66 (October 3, 1994). (ABSTRACT ONLY)	<input type="checkbox"/>
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RS	48	Woodford, K.A. et al., Inhibition of ATP-sensitive potassium channels causes reversible cell-cycle arrest in human breast cancer cells in tissue culture, Journal of Cell Physiology, 162(2):163-171 (February 1995). (ABSTRACT ONLY)	<input type="checkbox"/>

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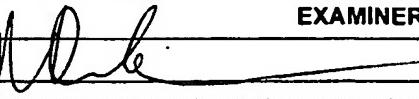
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
RJ	49	Bang et al., Nitroglycerin-mediated vasorelaxation is modulated by endothelial calcium-activated potassium channels, <i>Cardiovascular Research</i> , 43(3):772-778 (August 15, 1999). (ABSTRACT ONLY)	<input type="checkbox"/>
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	56	Goto, K. et al., Sympathetic control of arterial membrane potential by ATP-sensitive K(+)-channels, <i>Hypertension</i> , 35 (1 Pt 2):379-384 (January 2000) (ABSTRACT ONLY)	<input type="checkbox"/>
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RJ	58	Jackson, W.F. et al., Prostacyclin-induced vasodilation in rabbit heart is mediated by ATP-sensitive potassium channels, <i>American Journal of Physiology</i> , 264(1 Pt 2):H238-43 (January 1993) (ABSTRACT ONLY)	<input type="checkbox"/>

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P3	59	Kieler-Jensen, N. et al., Inhaled nitric oxide in the evaluation of heart transplant candidates with elevated pulmonary vascular resistance, Journal of Heart and Lung Transplant, 13(3): 366-375 (May-June 1994) (ABSTRACT ONLY)	<input type="checkbox"/>
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	61	Liu, Q. et al., Hypoxic dilation of porcine small coronary arteries: role of endothelium and KATP-channels, British Journal of Pharmacology, 120(4):728-734 (February 1997) (ABSTRACT ONLY)	<input type="checkbox"/>
	62	Patel, A.I. et al., Activation of guanosine 3', 5'-cyclic monophosphate (cGMP)-dependent protein kinase in rat vas deferens and distal colon is not accompanied by inhibition of contraction, Journal of Pharmacology and Experimental Therapeutics, 283(2): 894-900 (November 1994) (ABSTRACT ONLY)	<input type="checkbox"/>
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FORM 1449* INFORMATION DISCLOSURE STATEMENT		Docket Number: CEDAR 043453	Application Number: 09/491,500
IN AN APPLICATION (Use several sheets if necessary)		Applicant: Keith L. Black and Nagendra S. Ningara	
		Filing Date: Jan. 26, 2000	Group Art Unit: 1646

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T2	5,112,596	05/12/92	Malfroy-Camine			
	5,124,146	06/23/92	Neuwelt			
	5,215,985	06/01/93	Murphy et al.			
	5,234,947	08/10/93	Cherksey			
	5,256,688	10/26/93	Grover et al.			
	5,262,419	11/16/93	Aberg et al.			
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T3	5,922,735	07/13/99	Sit et al.			

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: CEDAR 043453	Application Number: 09/491,500
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		Filing Date: Jan. 26, 2000	Group Art Unit: 1646

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RS	1.	Adeagbo, A.S., <i>1-Ethyl-2-benzimidazolinone stimulates endothelial K(Ca) channels and nitric oxide formation in rat mesenteric vessels</i> , <i>Eur. J. Pharmacol.</i> , 379(2-3):151-9 (August 27, 1999). ABSTRACT ONLY.
	2.	Akar, F., et al., <i>Protective effect of cromakalim and diazoxide, and prolcerogenic effect of glibenclamide on indomethacin-induced gastric injury</i> , <i>Eur. J. Pharmacol.</i> , 374(3):461-70 (June 25, 1999). ABSTRACT ONLY.
	3.	Andrade, S.P., et al., <i>Pharmacological reactivity of neoplastic and non-neoplastic associated neovasculature to vasoconstrictors</i> , <i>Int. J. Exp. Pathol.</i> , 79(6):425-32 (December 1998). ABSTRACT ONLY.
	4.	Brian, J.E., Jr., et al., <i>Recent insights into the regulation of cerebral circulation</i> , <i>Clin. Exp. Pharmacol Physiol.</i> , 23(6-7):449-57 (June-July 1996). ABSTRACT ONLY.
	5.	Brismar, T., et al., <i>Mechanism of high K+ and Tl+ uptake in cultured human glioma cells</i> , <i>Cell Mol. Neurobiol.</i> , 15(3):351-60 (June 1995). ABSTRACT ONLY.
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	8.	Burrows, F. J., et al., <i>Eradication of large solid tumors in mice with an immunotoxin directed against tumor vasculature</i> , <i>Proc. Natl. Acad. Science U.S.A.</i> , 90(19):8996-9000 (October 1, 1993). ABSTRACT ONLY.
	9.	Butt, A.M., <i>Effect of inflammatory agents on electrical resistance across the blood-brain barrier in pial microvessels of anaesthetized rats</i> , <i>Brain Res.</i> , 696(1-2):145-50 (October 23, 1995). ABSTRACT ONLY.
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	11.	Cai, S., et al., <i>Single-channel characterization of the pharmacological properties of the K(Ca2+) channel of intermediate conductance in bovine aortic endothelial cells</i> , <i>J. Membr. Biol.</i> , 163(2):147-58 (May 15, 1998). ABSTRACT ONLY.
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FORM 1449^o INFORMATION DISCLOSURE STATEMENT		Docket Number: CEDAR 043453	Application Number: 09/481,500
IN AN APPLICATION (Use several sheets if necessary)		Applicant: Keith L. Black and Nagendra S. Ningaraj	
		Filing Date: Jan. 26, 2000	Group Art Unit: 1646

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		Filing Date: Jan. 26, 2000	Group Art Unit: 1646

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Page 1 of 1

FORM PTO-1449 (Modified)	ATTY DOCKET NO. P07 43453 (18810-80645)	SERIAL NO. 09/491,500
List of Patents and Publications for Applicants Supplemental Information Disclosure Statement		
APPLICANT: Black et al.		
FILING DATE: January 26, 2000		
GROUP ART UNIT 1633		

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
PS	WO 91/16355	31.10.91	PCT				
D	WO 97/31654	04.09.97	PCT				
	WO 00/23102	27.04.00	PCT				
	0 351 767 A2	24.01.90 Bul. 90/04	EP				
	0 555 681 A1	18.08.93 Bul. 93/33	EP				
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APPLICANT	GROUP
Keith L. Black and Nagendra S. Ningaraj	1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RS	AA 5,518,499	05/21/06	Agar			
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<i>RS</i>	BH	Ningaraj, N.S., et al., Ca ²⁺ -dependent K ⁺ channels are a key regulatory of blood-brain tumor barrier permeability, <u>Congress of Neurological Surgeons Annual Meeting, 50th Anniversary Celebration, September 23-28, 2000, Henry B. Gonzalez Convention Center, San Antonio, Texas, ABSTRACT No.428, p. 219.</u>	
	BI	Ningaraj, N.S., et al., <u>Nitric oxide donors increase blood-brain tumor barrier permeability via K^{ca} channels, Society for Neuroscience, 30th Annual Meeting, New Orleans, LA, November 4-9, 2000, 26 Part 1, p. 338, ABSTRACT No. 126.8.</u>	
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RS	BV	Uchida, M., et al., <i>Cyclic GMP-dependent blood-brain tumor barrier permeability is not mediated by cyclic GMP-dependent protein kinase</i> , <u>Congress of Neurological Surgeons Annual Meeting</u> , 50 th Anniversary Celebration, September 23-28, 2000, Henry B. Gonzalez Convention center, San Antonio, Texas, ABSTRACT No. 440, p. 220.	
	BW	Vodovotz, Y., et al., <i>Regulation of transforming growth factor beta 1 by nitric oxide</i> , <u>Cancer Res</u> , 59:2142-9 (1999). ABSTRACT ONLY.	
	BX	Yukabu, M.A., <i>Hematoma-induced enhanced cerebral vasoconstriction to leukotriene C4 and endothelin-1 piglets: role of prostanooids</i> , <u>Pediatr Res</u> , 38:119-23 (1995). ABSTRACT ONLY.	
	BY	Tocris Web Page, http://www.tocris.com/cat/nodonorstxt.html No Donors/Precursors, pp.1-2, Downloaded 5/31/00.	
TS	BZ	Sigma-Aldrich Web page, http://vsearch.sial.com/search_97cgi/s97-cgi , p.1, downloaded 5/31/00.	
EXAMINER 			DATE CONSIDERED <u>3/20/07</u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.